

19990826.qrp v01_n560.qrl.990826

Date: Thu, 26 Aug 1999 19:03:07 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1560

QRP-L Digest 1560

Topics covered in this issue include:

- 1) [48499] fcc uls
by ac5ez@webtv.net (Larry B)
- 2) [48500] Pre-FOX QSO Fest
by Joel Malman <malman@world.std.com>
- 3) [48501] Re: fcc uls
by Joel Malman <malman@world.std.com>
- 4) [48502] Re: returning to list as VE9QRP
by Jess Gypin <jessqrp@earthlink.net>
- 5) [48503] Re: WWV Question
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 6) [48504] Silver wire
by barry kirkwood <bjk@ihug.co.nz>
- 7) [48505] re: Need single-band CW rig recommendation
by "Bruce Prior" <n7rr@hotmail.com>
- 8) [48506] Re: 811s
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 9) [48507] RE: Altoids truth
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 10) [48508] ANSWERS: which band, which rig ?
by "Peter Wang" <KF5ND@arrl.net>
- 11) [48509] RE: MILLIWATING
by "Steven Weber" <kd1jv@moose.ncia.net>
- 12) [48510] Re: fcc uls
by Bob Nielsen <nielsen@primenet.com>
- 13) [48511] Re: FS: MFJ 493 memory keyer
by Bruce Grubbs <bog@flagstaff.az.us>
- 14) [48512] RE: Test equipment manuals ?
by Michael Melland <badger@vbe.com>
- 15) [48513] QSL Maker - FREE - Classy
by REDSBOY@aol.com
- 16) [48514] Re: WWV Question
by Joe Buch <joseph.buch@dol.net>
- 17) [48515] Re: MILLIWATING
by "Harry T. Hurst" <hhurst@delaware.infi.net>
- 18) [48516] RE: Eveready Energizers and other batteries
by Rick Sealey <rsealey@InfoAve.Net>
- 19) [48517] Re: Ten - Tec Scout?

- by Phil Wheeler <w7ox@mindspring.com>
- 20) [48518] Re: No More NorCal Numbers
by Phil Wheeler <w7ox@mindspring.com>
- 21) [48519] RE: Eveready Energizers and other batteries
by "Ed Tanton" <n4xy@att.net>
- 22) [48520] Re: Eveready Energizers and other batteries
by "Nick Kennedy" <nkennedy@cswnet.com>
- 23) [48521] Want to trade Solid State Design
by Jeff <fantbb@yahoo.com>
- 24) [48522] calling CQ when QRP - and tailgating QSO's
by n5ib@juno.com
- 25) [48523] Re: No More NorCal Numbers
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 26) [48524] LINKDOC -Special Event with QRP Aug. 28/29
by Jim Stafford <w4qo@amsat.org>
- 27) [48525] Re: fcc uls
by Bob Nielsen <nielsen@primenet.com>
- 28) [48526] Z-MATCH QUESTION
by S LYON <sslyon@worldnet.att.net>
- 29) [48527] Re: OT:Altoids and other mints
by "John Fletcher" <johnf@innotts.co.uk>
- 30) [48528] Radios in a Tin
by Jim Ek <JIM-EK@worldnet.att.net>
- 31) [48529] Re: SST info
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 32) [48530] Re: MILLIWATING
by Bruce Muscolino <w6toy@erols.com>
- 33) [48531] No Toroid Receivers
by "Harry T. Hurst" <hhurst@delaware.infi.net>
- 34) [48532] shack question
by bob evinger <revinger@earthlink.net>
- 35) [48533] Re: Eveready Energizers and other batteries
by "Mike Yetsko" <myetsko@insydesw.com>
- 36) [48534] Re: calling CQ on QRP
by "Armin Hachmer" <armin@muskoka.com>
- 37) [48535] On-line receiver
by n2cx@voicenet.com
- 38) [48536] SD-20 or Black Widow
by Phil Wheeler <w7ox@mindspring.com>
- 39) [48537] Re: thumb for dits
by Monte Stark <ku7y@dri.edu>
- 40) [48538] Re: More details on FCC ULS
by Monte Stark <ku7y@dri.edu>
- 41) [48539] RE: No toroid receivers
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 42) [48540] Looking for AA6SO
by REDSBOY@aol.com
- 43) [48541] Recall:

by "Brockwell, Stephen E." <brockwse@fssec.army.mil>
44) [48542] WTB: National SW-3 Receiver
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
45) [48543] AR QRP 40m Net Results
by Robsparks@aol.com
46) [48544] Need help on 15 Mtr qrp trx schematic diagram
by "Donny Sirait" <dsirait@centrin.net.id>
47) [48545] RE: shack question
by "Richard Hensel" <rrhensel@sprintmail.com>
48) [48546] QRL!
by Ed Loranger <we6w@qsl.net>
49) [48547] Re: thumb for dits
by Jeff Francis <jfrancis@frii.com>
50) [48548] The NorCal 20 goes digital
by Bill Jones <kd7s@psnw.com>
51) [48549] RE: Thumb for DITS ?
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
52) [48550] QST
by Marv Fagenson <k6hcj@juno.com>
53) [48551] Wanted: Stock front panel for NC40A
by Allan G Taylor <k7gt@arrl.net>
54) [48552] Which Kit to Build? #2 in a series
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
55) [48553] To trade: NC40A toward Sierra
by Allan G Taylor <k7gt@arrl.net>
56) [48554] Re: calling CQ on QRP
by "Kent, AE4Y" <ae4y@hotmail.com>
57) [48555] Re: The NorCal 20 goes digital
by Dave Sjolín <sjolin@swbell.net>
58) [48556] Oops mistake in Which Kit to Build Part 2
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
59) [48557] BUBBA - Final reminder
by Gary L Surrency <gsurrency@juno.com>
60) [48558] Re: The NorCal 20 goes digital
by Bill Jones <kd7s@psnw.com>
61) [48559] Re: BUBBA - Final reminder
by Bob Nielsen <nielsen@primenet.com>
62) [48560] 49er Questions
by "Phinizy, William" <wphinizy@filenet.com>
63) [48561] NorCal 20 on RTTY Article
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
64) [48562] Fwd: RE: No toroid receivers
by n2cx@voicenet.com
65) [48563] code speed
by ac5ez@webtv.net (Larry B)
66) [48564] Re: On-line receiver
by Chris Cartwright Sr <ccart@phideaux.com>
67) [48565] Re: On-line receiver

- by n2cx@voicenet.com
- 68) [48566] Re: QRPp Subscribers Please Read + Summer QRPp Mailed
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 69) [48567] QRP CQs (was: returning to list as VE9QRP)
by "Chuck Carpenter" <w5usj@globeco.net>
- 70) [48568] ElmeRadio Update
by Bruce Kizerian <kizerian@ced.utah.edu>
- 71) [48569] 2SC1969 RF Power amp
by charles k brown <n4so@juno.com>
- 72) [48570] Pre-Fox Fest
by Joel Malman <malman@world.std.com>
- 73) [48571] trade
by bkobie@webtv.net (patrick obrien)
- 74) [48572] Bruce Kizerian's Elmer Radio
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 75) [48573] Re: [CW] pounding key
by K2UD@aol.com
- 76) [48574] Re: [Re: Eveready Energizers and other batteries]
by Roy Lincoln <wa4dou@usa.net>
- 77) [48575] FS: OHR-100 (40M)
by "Tim Cook" <timcook@erinet.com>
- 78) [48576] Re: calling CQ on QRP
by Monte Stark <ku7y@dri.edu>
- 79) [48577] simple rx project
by Neal Sacon <neal@sacon.net>
- 80) [48578] Re: The NorCal 20 goes digital
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 81) [48579] STILL LQQKING FOR QRP RIG
by RangerSF5@aol.com
- 82) [48580] Which Kit to Build Part 2
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 83) [48581] Re: The NorCal 20 goes digital
by Bill Jones <kd7s@psnw.com>
- 84) [48582] Re: calling CQ on QRP
by Bob Patten <n4bp@bc.seflin.org>

Date: Wed, 25 Aug 1999 18:27:14 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@lehigh.EDU
Subject: [48499] fcc uls
Message-ID: <12075-37C47BD2-450@postoffice-111.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Does anyone know if the fcc uls can be used by web tv users ? I tried it
but it didnt seem to work

k1zw

Date: Wed, 25 Aug 1999 19:38:30 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: prvalko@oakland.edu
Cc: qrp-1@Lehigh.EDU, k1qm@world.std.com
Subject: [48500] Pre-FOX QSO Fest
Message-ID: <199908252338.TAA28088@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Paul,

Suggestion:

How about a "Pre-FOX" QSO fest about 1 week before the real thing.
The hours and exchange are the same as the real thing. No awards,
no reporting, no logs to file ... just plain 40 meter fun. I would
suggest that it "happens" on the Tuesday before the first week of
the hunting season.

Everyone works everyone, just for the fun of it.... It will also be
a fine time to check-out that new rig and/or antenna before the real
thing happens!

Anyone interested? Paul?

/joel K1 Queen Mary

Date: Wed, 25 Aug 1999 19:41:57 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: ac5ez@webtv.net
Cc: qrp-1@Lehigh.EDU
Subject: [48501] Re: fcc uls
Message-ID: <199908252341.TAA00343@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Does anyone know if the fcc uls can be used by web tv users ? I tried it

> but it didnt seem to work

For sure it does not work for Mac users. The FCC seems to want to only download a PC executable (.exe) file that a Mac sees as "No Data".

--

/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Wed, 25 Aug 1999 18:02:58 -0600
From: Jess Gypin <jessqrp@earthlink.net>
To: ccart@phideaux.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [48502] Re: returning to list as VE9QRP
Message-ID: <3.0.3.32.19990825180258.0069c74c@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I don't agree with this. I call CQ 95 percent of the time QRP regardless of the power that I am running and get called back 80 percent of the time. Try it.

Jess AE0CW

At 12:27 PM 08/25/1999 -0400, Chris Cartwright Sr wrote:

>On Wed, 25 Aug 1999, Bruce G. Robertson wrote:

>

>> Calling CQ (outside of 'tests) is a poor strategy even in QRO operations
>> if what you want is to make a QSO. When you work QRP, it is really
>> unlikely to net you something.

>

>Generally I would agree, but my *BEST* (ie lowest) milliwatt effort to
>date was by calling CQ. When things seem to dry up, and all I hear are
>8-landers (no offense) I'll call CQ even at the milliwatt level. After
>two 3x3's at 10mW, I had a decent rag chew with station in VT. CQ'ing
>may not help, but it sure doesn't hurt when all else fails :)

>

>BTW, <http://www.dxlc.com/solar> shows the flux at just over 200 for
>yesterday. Gotta get my new roof finished so I can put the antenna back
>up and play!

>

>72

>

>-- Chris Cartwright,	Technical Engineer		ccart@phideaux.com	--	
>-- N3XRV	ARRL-VE	Norcal Zombie #163		Gaithersburg, MD FM19je	--

>-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
>
>
>
>

Date: Wed, 25 Aug 1999 18:48:05 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: akanis@divis17.ped-gen.uiowa.edu, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [48503] Re: WWV Question
Message-ID: <00ec01beef54\$47908ee0\$e237a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

The 100 Hz modulation is not continuous and its amplitude is low enough not to cause any problems. When zero beat, you will hear the 100 Hz note if your audio response is low enough. I've never had a problem with it so I don't think you will either. In fact, since it is not continuous, I bet it would be hard to zero beat to the 100 Hz note. If you did, WWV would sound pretty strange.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Thu, 26 Aug 1999 12:11:06 +1200
From: barry kirkwood <bjk@ihug.co.nz>
To: qrp-l@Lehigh.EDU
Subject: [48504] Silver wire
Message-ID: <199908260011.MAA05462@smtp2.ihug.co.nz>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Silver wire in transformers, golden speaker cables etc....
But I understand that long ago the Dutch Philips company produced interstage transformers with a silver alloy wire. Reason: These transformers frequently broke down due to pinpoint corrosion of the very fine copper wire used....I have a couple of those Dutch transformers but have not assayed the wire, hi!

73

end

Barry (Baz) Kirkwood PhD ZL1DD ex ZL1BN, ZL40K etc

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Palm Beach

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NEW ZEALAND

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Date: Wed, 25 Aug 1999 17:12:24 PDT

From: "Bruce Prior" <n7rr@hotmail.com>

To: qrp-1@Lehigh.EDU, KF5ND@arrl.net

Subject: [48505] re: Need single-band CW rig recommendation

Message-ID: <19990826001224.85020.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Peter and gang --

No question about it, Peter, the Small Wonder Labs DSW-30 or DSW-40 would fill the bill very well for you, I'm sure. In addition to your list, it has FULL band coverage, something quite rare among CW monobanders, and its keyer is already built-in. Building it is a piece of cake.

For more info see: <http://www.smallwonderlabs.com>

Good luck and I'm looking forward to meeting you on the air!

72, Bruce Prior N7RR in Blaine, WA -- one of the Mangy Mushers

Date: Tue, 24 Aug 1999 20:57:57 -0500From: "Peter Wang" <KF5ND@arrl.net>

To: <qrp-1@Lehigh.EDU>Subject: [48421] Need single-band CW rig recommendation

Message-ID: <002601beee9d\$4137ba80\$10421ed1@kf5nd>MIME-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"Content-Transfer-Encoding: 7bit

Hi all,

I'd really like to put together a single-band CW transceiver kit for 30 or 40 m. My requirements:

- a very good sharp, sensitive, stable receiver (prefer superhet)- good QSK-RIT

- room for a built-in keyer- good quality CW note- 2 or 3 watts out

What do you recommend ?73s,Peter Wang KF5ND

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Wed, 25 Aug 1999 20:39:01 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [48506] Re: 811s
Message-ID: <37C48CA5.4956B6A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gee.. you know something. I think I happen to have a pair of 811's floating around the shack somewhere. Does this mean I should put them on E-bay??? Heck I'm a QRPer, to me they are just a couple of big paperwieghts. Any takers???

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 25 Aug 1999 20:43:38 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [48507] RE: Altoids truth
Message-ID: <37C48DBA.1439398C@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brown and Haley Extra Strength Cinnamons

A better tasting mint in a much cooler looking tin

I found mine at Target but you can check their site too

www.brown-haley.com

I built my latest New Jersey Fireball 40 into one.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 25 Aug 1999 18:39:59 -0500
From: "Peter Wang" <KF5ND@arrl.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [48508] ANSWERS: which band, which rig ?
Message-ID: <000201beef53\$906c6720\$d5441ed1@kf5nd>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got twenty-two replies to these questions. Thought I'd post them for everyone's information.

"WHICH BAND ? Objective - year-round operation, through all parts of the sunspot cycle, day or night, I want to be able to talk to somebody on CW. Being able to have any QSO is more important than DX (although DX is always welcome). I live in the Southern US, so summertime static can be a problem."

40 - 50%
30 - 18%
20 - 32%

"WHICH RIG ? I'd really like to put together a single-band CW transceiver kit for 30 or 40 m."

Small Wonders DSW	36%
Emtech	23%
Norcal	23%
OHR	14%

Tac 1

4%

I still don't know what band to select, but I think I'm leaning heavily toward a DSW. Probably 40, maybe 30.

73s,
Peter

Date: Wed, 25 Aug 1999 20:08:29 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: inforhc@mail.infocom.etecca.cu
Cc: qrp-l@lehigh.edu
Subject: [48509] RE: MILLIWATING
Message-ID: <199908260050.UAA11752@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Here is my proposal:
> Let's put all our brains to work, and design a simple , but effective single
band
> receiver, that can be built with standard value parts ... NO TOROIDS !
> THEN... same goes for simple, easy to build MILLIWATT transmitters...

Arnie, et al.,

Simple and effective, the Holy Grail of QRP design...

Simple and effective milliwatt transmitters are so easy to be almost trivial. The Tuna Tin 2 is an example of a simple and effective milliwatt transmitter.

Simple and effective receivers are a whole different story. You can have simple or you can have effective.

As for no toroids, that will be a real challenge!

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 25 Aug 1999 17:53:17 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [48510] Re: fcc uls
Message-ID: <19990825175317.C21860@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

You should be able to register, but not access the forms to do anything.
This can only be done via a dialup to an 800 number, not via the
internet. You can still file hardcopy forms, however.

Bob

On Wed, Aug 25, 1999 at 06:27:14PM -0500, Larry B wrote:
> Does anyone know if the fcc uls can be used by web tv users ? I tried it
> but it didnt seem to work
> k1zw
>

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Wed, 25 Aug 1999 18:30:53 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [48511] Re: FS: MFJ 493 memory keyer
Message-ID: <3.0.5.32.19990825183053.00adadf0@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The keyer is spoken for.

72

Bruce N7CEE

Date: Wed, 25 Aug 1999 20:57:34 -0500

From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu
Subject: [48512] RE: Test equipment manuals ?
Message-ID: <37C49F0E.8949611B@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the "usual" sources for these manuals but thought I'd take a stab at the list to see if someone might have a copy. My latest test equipment quest has yielded two more "vintage" but nice pieces of test equipment to my shop at a very reasonable price.

HP 140T frame with 8552B(IF) and 8553B (RF) Spectrum Analyzer plugins

HP 53316B Universal Counter

Wondering if anyone might have a manual I could copy or buy for any of these ?

73

--
Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Wed, 25 Aug 1999 22:05:18 EDT
From: REDSBOY@aol.com
To: qrp-l@lehigh.edu
Subject: [48513] QSL Maker - FREE - Classy
Message-ID: <97daa878.24f5fade@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hey, Folks, this one is almost too good to be true. Here is a FREE custom QSL maker that lets you turn out your own cards, and it's easy. It's also very very classy, all the way from the installation program to the finished

product. It installs, looks, and works like something you would pay big bucks for. You can make custom designs for every day in the week if you choose. The download is easy, and after you extract it you can store it on two floppies, if you want. This guy apparently gives you all the tools and help you will need, and it isn't a "trial" program. You can keep using it, legally. It's at: [WB8RCR's QSL Maker](http://users.tm.net/jjmcd/qs1make.htm) , but it WON'T work on Windows 3.1. It's designed for Windows 95.

When you go to his site, I recommend you print out what you find there. It is an 8 page document giving download, unzip (It works with WinZip), installation and use instructions. This will walk you through everything you need to know. You can't beat this deal.

And if you want a source for very inexpensive card stock, I know a guy in Florida who ships the most inexpensive stuff I've ever seen and it works great. Just e-mail me and I can tell you all about it.

As usual, I have no connection with either of these sources other than I am a MOST satisfied user.

Regards

Karl - W4UTI

Date: Wed, 25 Aug 1999 22:00:37 -0400
From: Joe Buch <joseph.buch@dol.net>
To: akanis@divis17.ped-gen.uiowa.edu, "Low Power Amateur Radio Discussion" <grp-1@Lehigh.EDU>
Subject: [48514] Re: WWV Question
Message-ID: <3.0.3.16.19990825220037.2bc7d418@dol.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 16:57 8/25/99 -0500, Adam B. Kanis wrote:
>and noticed that the BCD info is send on the 100 Hz subcarrier THROUGHOUT
>the broadcast.

>My question: is the 100 Hz subcarrier messing up what i thought was a
>decent technique? i did hear decent beat notes, and was able to be rid of
>them, but am i going to be off in freq (ie, off by 100 Hz or a multiple of
>100 Hz?). i never did find secondary "zero's".
>

The 100Hz time code is amplitude modulated. It goes on and off in response to the time code bit pattern. If you zeroed against a steady signal you are OK.

Listen to WWV on a radio with a big speaker and you will easily hear the 100Hz code. It identifies the time on the minute and then consists of bursts of 100Hz every second for the remainder of the minute. The code is binary coded decimal format. A narrow band 100Hz filter followed by a rectifier can be used to put precise BCD on a strip chart recorder using this signal.

~*-. , _ , . - * ~ ' ^ ' ~*-. , _ , . - * ~ ' ^ ' ~*-. , _ , . -
Joe Buch
Member North American Shortwave Assoc
joseph.buch@dol.net
- * ~ ' ^ ' ~*-. , _ , . - * ~ ' ^ ' ~*-. , _ , . - * ~ ' ^ ' ~*-

Date: Wed, 25 Aug 1999 22:25:01 -0400
From: "Harry T. Hurst" <hhurst@delaware.infi.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [48515] Re: MILLIWATING
Message-ID: <002701beef6a\$340d20c0\$050b010a@downstairs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't know...

a receiver without toroids IS possible, how many boatanchor rigs use toroids? I do know that building a tiny receiver without commercial cores will be different from what we are accustomed to seeing. I think they would be much larger too.

Somebody have too much time on their hands? Too many parts in the junkbox?? Anyone interested in a challenge???

Date: Wed, 25 Aug 1999 22:29:40 -0400

From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-l@lehigh.edu
Subject: [48516] RE: Eveready Energizers and other batteries
Message-ID: <4.1.19990825220359.00b9be00@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 05:59 AM 08/25/1999 -0700, you wrote:

>Morni'n All

> Well, after spending the 10 years repairing electronic 35mm
>camera's that have flashes built-in I can tell you with some confidence that
>Duracell's win out any time over Energizers.....

>The flashes and film transport system motors need high current capacity in
>these modern camera's and most cannot be operated on a bench supply because
>they are designed to work specifically with batteries and literally melt
>down and short if used on a bench power supply.

>The crew of camera tech's I worked with all used Duracell's exclusively
>because they simply outlast anything else under such heavy current usage.
>As a point of interest the "commercial usage" cells are not even as good as
>Energizer's!!

>Sorry for the lack of "scientific" data but the facts are nevertheless the
>facts. :-)

> Dave VE7PCC Vancouver BC Canada
>

Hmmm, interesting.

I own and use an HP 200LX palmtop computer (kind of a QRP computer) that
uses two AA alkaline cells for power. This computer has a large following
of crazed, maniacal advocates, just like QRP radio does.

One thing most important to all palmtop and other handheld computer users
is battery life. And you can be sure there has been more discussion, trials
and tribulations by palmtop users regarding this subject than the QRP-L has
posted about which paddle is dit and which is dah. The consensus and strong
recommendation by all users and commercial vendors is to use Energizer and
never Duracell. Why? Because it was found that under a heavy current
requirement, such as writing to a flash memory card, the Duracells couldn't
hack it, often resulting in scrambled data. This didn't happen with the
Energizers. Personally, I use either Eveready lithium - or a special
rechargeable 1350mAh *gelled* electrolyte NiMH AA that works
extraordinarily well. Found at Thaddeus Computing and Times2 Technology,
they won't physically work directly in a lot of equipment as they don't
have a raised "button" on the positive post.

Anyway, it looks like we'll need some real scientific analysis to solve
this one. (Or, I guess we could just forget the whole thing.)

72 everybody,
Rick - W4SEA

Date: Wed, 25 Aug 1999 19:49:45 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: kory@avatar.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48517] Re: Ten - Tec Scout?
Message-ID: <37C4AB49.C8C891B5@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kory Hamzeh wrote:

>
> I have one and I take it camping with me. I really like it. If you don't
> need a full 50 watts, you might want to invest in the K2. Better radio, more
> features, you don't need to carry around band modules, etc...
>

Yupp!

Phil

Date: Wed, 25 Aug 1999 19:51:42 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: ki6ds@dpol.k12.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48518] Re: No More NorCal Numbers
Message-ID: <37C4ABBE.6740D7DF@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good idea, Doug. Always wondered what that was all about.

But .. are not you and Wayne #1 and #2 (in some order)?

Phil

"Hendricks, Doug" wrote:

>

> Guys, NorCal membership numbers will no longer be issued. We really don't
> know why we started it, but we have never used them in 7 years, so we are
> going to discontinue them. Now, everyone knows their NorCal number, they
> don't have one!!

>

> 72, Doug, KI6DS

>

> Oh, by the way, we sent out 1408 QRPP's with the latest mailing. Those are
> the active subscribers, the membership is over 3100.

Date: Wed, 25 Aug 1999 22:54:29 -0400

From: "Ed Tanton" <n4xy@att.net>

To: <rsealey@InfoAve.Net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [48519] RE: Eveready Energizers and other batteries

Message-ID: <NBBDJDEEIFDDANGEGHLBIEBJGLAA.n4xy@att.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello All... have to add my 2 cents here... NOTHING touches the Eveready Lithium AA cells for one-time-use energy delivery. I have a ton of them in my Nikon F4S (motorized-uses either 6 or 8 I forget) and with the Nikon SB-25 flash and Nikon Flashbar Bracket (that adds 4 cells to the 4 already in the flash-yielding longer battery life, and more flashes) it is simply amazing how long / how many rolls throughput you can get.

BUT that said, it is a long way from the most economical, at between \$2.25 and \$3.00 per cell! Yet, it also offers me the ability to carry 8 or 16 spares in my camera bag, without a lot of hassle. I have used them for years (ever since they came out) and they have been superb. I have never missed out on a basketball or baseball shoot because of batteries. I HAVE had to change a set once during halftime at a basketball game. Also, with the long shelf-lifetime of Lithium cells, you can feel OK about letting them sit-as spares-until needed-and expect them to be there for you.

I have used the Eveready Lithium cell in my Standard C-508 dual-bander also for years. I don't tx a lot with it, and for rcvg, using only the two Lithium AA cells, they are great!

For OUR QRP applications, they would be nice for something like a very low power rcvr, but otherwise, I think NiMH and Gel-Cells are MUCH more practical. Digikey sells a Panasonic 3600mAH cell slightly larger than an AA cell and a new one since I bought a 14V set of those: a 5600mAH "D" cell.

They are NOT drop-in for Nicads, charging-wise. Buy the Panasonic book on the same page with the batteries, for a couple of bucks, for info on charging.

Date: Wed, 25 Aug 1999 22:02:32 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <rsealey@InfoAve.Net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48520] Re: Eveready Energizers and other batteries
Message-ID: <004701beef6f\$71e69de0\$097154d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was somewhere recently (dentist's office?) and browsed a copy of Consumer Reports that had an article comparing batteries. They concluded that you could lump everything into two groups--the cheaper "heavy duty" batteries and the more expensive alkalines. The alkalines were, as expected, much better, but there wasn't much difference between the brands. And there wasn't much difference between big advertisers like copper tops and pink bunnies and the more or less no-name alkalines.

I know CR ain't always right, but I sorta believed it. Anyway, this is just another data point I thought was interesting.

72,

Nick, WA5BDU

Oh, recently browsing BG Micro's web site, they had Panasonic Alkalines for what seemed to be some fairly decent prices. www.bgmicro.com, I think.

Date: Wed, 25 Aug 1999 20:09:10 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [48521] Want to trade Solid State Design
Message-ID: <19990826030910.21470.rocketmail@web111.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I'd like to trade this find book for a 49er or other little simple transciever. Any one want to do a trade?

73!

Jeff

===

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Wed, 25 Aug 1999 23:33:22 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [48522] calling CQ when QRP - and tailgating QSO's
Message-ID: <19990825.222328.4775.2.N5IB@juno.com>

I'm usually reluctant to call CQ when QRP, and don't have particularly great success when I do. I suspect it has much more to do with my antenna quality than power output.

I like to answer CQ's and to tailgate QSO's. But unless I've copied a fair amount of the QSO and the closings (and we all know how long and drawn out those closings can be) it's not always real clear who is terminating the QSO and who would be happy to hang around for one more. If I'm not sure, I usually don't call.

It's sort of like on 2 m repeaters, if an op calls another op and gets no reply, and I'd like to chat with him, I usually wait a half minute or so before calling. That way if he doesn't want anything to do with me we can both pretend that he turned off the rig before he heard my call - and nobody gets insulted. If I call him before the squelch tail even has time to drop, he's almost courtesy-bound to answer me even if he'd rather not.

So, a humble suggestion for a protocol: How about if we're finishing a

QSO but would like to invite another call (this assumes the other op has indicated "gotta run - supper call"... or some such, and has thus relinquished the frequency) we could sign something like

72 OM tnx fb QSO SK W5XYX de N5IB ge dit dit ...dramatic pause...
dididahdahdidit

The question mark signalling a sort of quickie QRZ, inviting another call if someone's reading the mail.

Of course, "cl" is still an appropriate signal if you're closing station and don't want another call.

what say ye?
Jim

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 25 Aug 1999 21:06:04 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <w7ox@mindspring.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48523] Re: No More NorCal Numbers
Message-ID: <01beef78\$514a7260\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Phil, Jim Cates is NorCal #1. I am #2. That came about as we were flying home from Dayton in 1993, and we were talking about forming a "small" group of guys who were interested in QRP. We hoped to attract 15 or 20 guys who had similar interests. I was the one who came up with the idea to have numbers, and insisted that Jim be Number 1, since he was the oldest, and had far, far more experience at QRP than I did. Wayne Burdick was NorCal #3, as he was the first to signup at our QRP signup table at Livermore in June of 1993. By the way, we first decided to "not charge" for subscriptions to QRPP, Jim and I agreed to pay the costs. When the second issue cost each of us \$175.00 we decided to rethink the idea, grin. 72, Doug, KI6DS

-----Original Message-----

From: Phil Wheeler <w7ox@mindspring.com>
To: ki6ds@dpol.k12.ca.us <ki6ds@dpol.k12.ca.us>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Wednesday, August 25, 1999 7:34 PM
Subject: Re: No More NorCal Numbers

>Good idea, Doug. Always wondered what that was all about.
>
>But .. are not you and Wayne #1 and #2 (in some order)?
>
>Phil
>
>"Hendricks, Doug" wrote:
>>
>> Guys, NorCal membership numbers will no longer be issued. We really
don't
>> know why we started it, but we have never used them in 7 years, so we are
>> going to discontinue them. Now, everyone knows their NorCal number, they
>> don't have one!!
>>
>> 72, Doug, KI6DS
>>
>> Oh, by the way, we sent out 1408 QRPp's with the latest mailing. Those
are
>> the active subscribers, the membership is over 3100.

Date: Thu, 26 Aug 1999 00:45:50 -0400
From: Jim Stafford <w4qo@amsat.org>
To: "Small, Clem W." <clemsmal@bitterroot.net>, qrp-l@lehigh.edu, aa7qu@amsat.org
Subject: [48524] LINKDOC -Special Event with QRP Aug. 28/29
Message-ID: <37C4C67E.635FD137@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Clem, KR6A, (don't you just love his ISP - bitterroot.net) asked me to
post this information re: a special event with QRP this weekend. I know
little more than what he has provided but sounds like a fun event and
probably should have gone thru Russ, AA7QU, at ARS for announcement. To
save time and bandwidth, I have posted it to a LINKDOC:

<http://www.qrparci.org/promo.html>

Good luck, I'll be looking for W7FTX.

--

Jim Stafford, W4QO 770-993-9500 VP - QRPARCI #6515
+++The THRILL is back - QRP - what ham radio is all about!
+++<http://www.qrparci.org>

Date: Wed, 25 Aug 1999 21:52:51 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [48525] Re: fcc uls
Message-ID: <19990825215251.F22683@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Wed, Aug 25, 1999 at 07:41:57PM -0400, Joel Malman wrote:
> > Does anyone know if the fcc uls can be used by web tv users ? I tried it
> > but it didnt seem to work
>
> For sure it does not work for Mac users. The FCC seems to want to only
> download a PC executable (.exe) file that a Mac sees as "No Data".

Was that "happy99.exe"? :^)

I guess it won't work for Linux either (I figured out how to set up my
nameserver and routing from the Windows instructions, but I can't do
much with an .exe file.

I emailed their support address and got this response: use Windows or
file manually.

I imagine they'll get a lot of flack over this. I was able to register
in the ULS, at least.

Bob

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh <http://www.primenet.com/~nielsen>

Date: Thu, 26 Aug 1999 01:02:44 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-1@Lehigh.EDU>
Subject: [48526] Z-MATCH QUESTION
Message-ID: <37C4CA74.3C8F408F@worldnet.att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone experimented with the idea of center-tapping the output links and bonding them all together at the 8-turn tap on the big coil. Seems that it would force a sort of balance, and perhaps provide an opportunity for padding L/C to optimize balance.

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 26 Aug 1999 07:29:43 +0100
From: "John Fletcher" <johnf@innotts.co.uk>
To: "<\\"Low Power Amateur Radio Discussion\\">" <qrp-l@Lehigh.EDU>
Subject: [48527] Re: OT:Altoids and other mints
Message-ID: <199908260629.HAA14128@carlton.innotts.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi all,

This comment reminded me:

> Drill a hole in an Altoid and wind some wire around and through it. An
> Altoroid?

Polo mints are already "drilled" and are about T-50 size. These mints have been used as timers! It seems they dissolve quite slowly in sea water. Suppose you want to drop lobster pots but don't want anyone else to find them. Use empty soda bottles as buoys to mark the positions. Fasten the soda bottles quite close to the pots using the mints as dissolvable links. Drop the pots over the side of you boat and go off somewhere to drop some more. The buoys are held below the surface. Come back again when the mints are about to "time out". When they become too thin to hold the force of the soda bottles any more they snap, the bottles/buoys come to the surface and you've found them again. I read this somewhere - haven't tried it - don't own a lobster pot - or a boat.

P.S. Altoids are now available in England. I bought five tins and I'm eating them six at a time. Soon I'll be able to start all those little projects that were held up

for want of a tin!

72 de John G4EDX

Date: Thu, 26 Aug 1999 02:09:55 -0500
From: Jim Ek <JIM-EK@worldnet.att.net>
To: "'Low Power Amateur Radio'" <qrp-1@Lehigh.EDU>
Subject: [48528] Radios in a Tin
Message-ID: <01BEEF68.393897C0@27.indianapolis-08-09rs.in.dial-access.att.net>

Just out of curiosity....which radios fit in an "Altoids" tin other than the Pixie? Is there a place on line where we can find the schematics?

Jim

Date: Thu, 26 Aug 1999 10:44:50 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <wb5qyt@eFortress.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [48529] Re: SST info
Message-ID: <00dc01beefa7\$a4fb4ef40\$0100007f@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lots of SST info on my web page.

...

Frank G3YCC G QRP 042, G QRP Sales Officer.
QRP web page <http://www.karoo.co.uk/g3ycc/>
ICQ 47220843

Date: Thu, 26 Aug 1999 05:48:14 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: hhurst@delaware.infi.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48530] Re: MILLIWATING
Message-ID: <37C50D5E.1244@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Harry, and teh rest of you,

Two very effective receivers that DO NOT use toroids were designed and marketed by Bruce Williams, WA6IVC, now a SK. They are written up in Hambrew and 73 magazines. They are the MXM receivers. A single convresion, stand alone receiver, and a double conversio receiver that was part of a transceiver for almost any ham band. I now own these designs and the company. If there is sufficient demand I might clesn them up and return then to the market.

73

Date: Thu, 26 Aug 1999 07:27:51 -0400
From: "Harry T. Hurst" <hhurst@delaware.infi.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48531] No Toroid Receivers
Message-ID: <005e01beefb6\$09473320\$050b010a@downstairs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce:

I think Arnie -- correct me if I'm wrong, Arnie -- is looking for is a receiver design using homemade inductors, for hams who don't have access to Bytemark, TechAmerica or Dan's, or any supplier. I think he also said the design shouldn't have any special filtering. hmmm....

Maybe a superhet with a regen if???

>Harry, and teh rest of you,

>

>Two very effective receivers that DO NOT use toroids were designed and

>marketed by Bruce Williams, WA6IVC, now a SK. They are written up in
>Hambrew and 73 magazines. They are the MXM receivers. A single
>convresion, stand alone receiver, and a double conversio receiver that
>was part of a transceiver for almost any ham band. I now own these
>designs and the company. If there is sufficient demand I might clesn
>them up and return then to the market.
>
>73
>

Date: Thu, 26 Aug 1999 07:27:25 -0500 (EST)
From: bob evinger <revinger@earthlink.net>
To: wvara list <wvara-l@butler.indiana.net>, qrp-l@lehigh.edu
Subject: [48532] shack question
Message-ID: <Pine.LNX.4.04.9908260717150.1409-100000@wd9eka.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am in a bit of decisive turmoil and have decided to ask
those willing to answer and taken a personal survey. It would
probably be safer to the qrp-l list to respond directly since
I dont want to flood the list if I get any reasonable qty of
replies.

The question, how much area do you have for your shack and/or
is it an attached part of your house..

Why am I asking? Mine is currently the backend of a walkin closet.
I have effectively about 6x8 which is not bad compared to what I had
when I first became a ham where I shared my radio room with my
bedroom and had 7x11 for the whole room. But back then I had tube gear
and model 15 teletype and reader/punch.

Currently I have my vented battery box/inverter and charge controllers
in my 'shack'. I am wanting to move the power center out closer to my
panels and wind generator. I am trying to decide what personal
advantages I would get from moving the shack out there as well.

Before this house. I had built a room in the basement of my last house
which as doubled as a storm shelter. I decided I dont like operating
in a dungeon. I need that sunlight to keep me happy :)

I welcome any input.

bob

Bob Evinger WD9EKA Marshall, Illinois

Date: Thu, 26 Aug 1999 08:34:16 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48533] Re: Eveready Energizers and other batteries
Message-ID: <006f01beefbf\$50877840\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While one can debate the merits of individual batteries all day long, I've long ago decided that any differences between the 'good' batteries are usually lost in the noise. The 'noise' being times you leave something on and forget it. The times that in general waste power without being productive.

If I had an application that absolutley had to get every last erg of power, well, then it would matter.

But for now I just buy bricks of cells at BJ's. I get alkaline AA's for about \$9 for 40 of them. Works out pretty darn cheap.

Then I don't have t worry about wasted power.

Mike Yetsko
N1DVJ

Date: Thu, 26 Aug 1999 08:43:20 -0400
From: "Armin Hachmer" <armin@muskoka.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>, <qrp-canada@lists.gpfn.sk.ca>
Subject: [48534] Re: calling CQ on QRP
Message-ID: <001c01beefc1\$264168a0\$44afd4c7@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My success calling CQ with 5 watts mobile has been zippo.
Tailgating is the way (other than answering CQ's)
The suggestion to add ? after SK indicating readiness to have another QSO
sounds good to me....
Thanks Jim N5IB. Count me in on your idea.
Cheers
Armin Hachmer VE3TEQ
'Life is a contactsport'
armin@muskoka.com

Date: Thu, 26 Aug 1999 09:21:38 US/Eastern
From: n2cx@voicenet.com
To: qrp-l@lehigh.edu
Cc: n2cx@voicenet.com
Subject: [48535] On-line receiver
Message-ID: <199908261319.JAA94352@nss4.cc.lehigh.edu>

Gang,

I remember a posting back several years ago about
an internet site that had a short wave receiver
accessible on-line. As I recall it was located
somewhere in VA and upon selecting the site,
users were presented with a receiver front panel.
After tuning up, you could receive about 30 seconds
worth of live listening.

Is it still active? Anyone recall the URL?

Joe E.,
N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Thu, 26 Aug 1999 06:58:07 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [48536] SD-20 or Black Widow

Message-ID: <37C547EF.461C490A@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all for the great input.

BTW -- I recovered my main computer (this one) last night, so I am back on the list; actually I never left, due to having sent listserv the wrong command!

Life is much better than 24 hours ago!

Phil

Date: Thu, 26 Aug 1999 07:20:26 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48537] Re: thumb for dits
Message-ID: <Pine.GS0.4.10.9908260719040.9505-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Folks,

I put a little DPDT switch in the line from the paddles to the keyer..... all that needs to be done is flip the switch to change the way it works!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 26 Aug 1999 07:26:00 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48538] Re: More details on FCC ULS
Message-ID: <Pine.GS0.4.10.9908260722070.9505-100000@rotor.dri.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmmmmm,

I must be living in a cave.....

Seems to me that there are a LOT of hams without email, QST, clubs and etc.

Is someone trying to say that we HAVE to use the internet to renew/change licenses?

I doubt that that would EVER happen.

And as to the FCC collecting SS numbers.....is it legal? Who cares..... they Govt no longer has to obey their own laws. Not for quite a few years!

1984 got here awhile back.....only CNN hasn't bothered to tell everyone! :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 26 Aug 1999 09:48:54 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcса.сu>
To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [48539] RE: No toroid receivers
Message-ID: <013e01beefd2\$d5d79a80\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

EXACTLY !

I am now testing a very nice receiver input "module" , it has a primitive resistive attenuator (simply a good quality carbon control at the input), two tuned circuits with a small coupling capacitor between them.

The coil forms are simply the plastic cases from defunct fluorescent lamp starters (an idea I borrowed from a Swedish ham, who also told me that inside each of those starters you could usually find a small ceramic disk capacitor -not always ceramic I found at later, as some starters have a low quality paper capacitor to act as an RF suppresor-, well the starter's plastic case is an ideal coil form, plentiful and zero cost, an addition to the "classical" empty 35 mm film case...

Now here is the how to of the input module

1. The coils must be separated by a shield between them.

2. Link coupling is used for the input and the output of the filter

3. The attenuator is placed very near to the input coil, so that requires position the input module near the receiver's panel

4. The two coils should be separated from any metal by the standard minimum distance of at least one coil diameter

I have tested the input module ahead of an already operating direct conversion receiver that had a very simple single tuned circuit input, and results are really outstanding, as the dual tuned input module and attenuator has made that receiver a much better performer.

I use 50 pF air variable capacitors to tune both circuits, and a 3/15 pF air trimmer for the coupling between the two tuned circuits. The 50 pF capacitors do require additional capacity in pararell on the 3.7 , 7,0 and 10,1 mHz bands...

Drilling holes for the wires into the ex-fluorescent starters plastic cases is very easy using just a nail heated at the tip of the soldering iron or soldering gun...

No attempt was made to make this multi band as my main objective is providing radio amateurs here in Cuba with a simple single band rig that can be built at the lowest possible cost and with whatever parts are locally available.

SO... it seems like at least the INPUT MODULE for the NO TOROID RECEIVER is ready NOW !

Thanks to all who send e-mail messages or

posted ideas and suggestions following
my MILLIWATTING posting in QRP-L

PHASE TWO:

A simple, low cost, easy to build, stable
RF amplifier stage for the NO TOROID receiver
that will be able to operate on 3.7 , 7.0 ,
10.1 or 14.0 MHz amateur bands.

The design constraints are:

NO FET's

NO MOSFET's

Standard run of the mill NPN Silicon Planar
Epitaxial transistors should be the
active devices....

Drawing from Jim Kortge's work... I am starting
to test a cascode RF amplifier that follows
the already tested NO TOROIDS RF input module.
Let's see If I have a little time later this
week to test the cascode RF amp's performance.
I wired little transistor sockets so that
different transistors can be tested and
compared, the idea is that the builder use
whatever is available , which may be transistors
removed-desoldered from defunct TV sets , radios
or any other electronic gear.

AH... and before I forget

THIS IS ALMOST a minimum parts count project...
because I am thinking of newcomers to the
hobby in many parts of the world where you
don't have an electronic components store
anywhere around you... (many people won't
mind about having sales clerks that know
nothing about electronics.. IF they can
sell whatever you need for your projects HI HI !)
Well, it seems like the project is going
ahead, borrowing from the group's expertise
and in the true spirit of amateur radio
Any ideas , suggestions etc. you can either
post in QRP-L if you think will be of
general interest, or e-mail direct to me
if you think that your comments will not
appeal to all participants of QRP-l

72 and DX

Arnie Coro

C02KK

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Home Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Thu, 26 Aug 1999 10:56:11 EDT
From: REDSBOY@aol.com
To: qrp-1@lehigh.edu
Subject: [48540] Looking for AA6S0
Message-ID: <eff55f12.24f6af8b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'm trying to locate Al, who offered some valuable help and advice on the NW40. This was a couple of years ago. Now, he is no longer at the old e-mail address. Al, are you out there? Has anyone here seen Al?

Regards

Karl - W4UTI

Date: Thu, 26 Aug 1999 09:59:32 -0500
From: "Brockwell, Stephen E." <brockwse@fssec.army.mil>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [48541] Recall:
Message-ID: <C0DFB43A0D57D311B0170000F8BDCA840AE3A1@alrsv02>
MIME-Version: 1.0
Content-Type: text/plain

Brockwell, Stephen E. would like to recall the message, "".

Date: Thu, 26 Aug 1999 10:13:24 -0500
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: "'glowbugs'" <glowbugs@piobaire.mines.uidaho.edu>, "'QRP-L'" <qrp-1@lehigh.edu>
Subject: [48542] WTB: National SW-3 Receiver
Message-ID: <21B46CBD022AD1118F0500805F15A068018667F3@stpmsx05.stp.guidant.com>
MIME-Version: 1.0

Content-Type: text/plain

Want to buy National SW-3 with coils and doghouse power supply. Prefer good physical and operational condition, no modifications. Will be used with my peanut whistle Ameco AC-1 five watt tube transmitter . Thanks,

73, Scott WA9WFA in Saint Paul Minn

Date: Thu, 26 Aug 1999 11:31:17 EDT
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [48543] AR QRP 40m Net Results
Message-ID: <93311030.24f6b7c5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The AR-QRP Net last night had 13 check-ins amid fair band conditions. QRM started soon after the net began, and persisted throughout the net. Still, we had a great showing and after a QSY down a bit, resumed operations. We were pleased to have several new check-ins, and of course, very pleased to have the regulars check in as well. As the band conditions improve, I recognize QNIs from old friends, many who have not been heard since last fall.

Because our net is a low power one, an NCS' task of picking out a single call from a simultaneous burst of calls can be daunting. Though everyone has been patient while I ask again and again for calls to be repeated, I have a couple of suggestions that might improve the QNI process and decrease the frustration level. Send your full call, if you are in the clear. If it looks hopelessly crowded for the moment, wait a bit for the inevitable thinning out of QNIs. A good alternative is to wait for a "hole" and send a single letter of your choice (not an "e" or "t"!) When I can copy this letter in the clear, I can return it along with a "?" and then you can send your full call. Be flexible! Switch between these two techniques as needed. One other suggestion: don't be too accurate on zero-beat! QRP ops are the best CW ops around (they HAVE to be!) but if everyone comes in on the same audio freq, the NCS has an even tougher time distinguishing between calls. Consider moving off freq a bit to stand out of the crowd, but not out of the pass band! By the way, being NCS is a blast! Grab the job of NCS sometime for a night of radio fun - and challenge. This is your club and the floor is always wide open for suggestions on ways to improve!

KK5X0 Dick
N5IB Jim
W2XN Fred
K7Q0 Chuck

KJ5TF Jim
AB5WX Dave
KE4R Barrett
KC4MHM Ed
KC0M Larry
KR0I Mac
NV4T Bill (lost him!)
NV4V Pete
K0NI Jeff

The NCS was Bob AB5ZD, QTH Alexandria LA, running 5 watts to a G5RV up in pecan trees. Orientation of the ant wire is NNW to SSE. The AR-QRP 40 net meets each Wednesday on 7.042 Mhz at 0030Z. It is open to members and non-members! CU there!

Bob Sparks AB5ZD

Date: Thu, 26 Aug 1999 22:28:32 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "QRP Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48544] Need help on 15 Mtr qrp trx schematic diagram
Message-ID: <199908261539.WAA16895@smtp.centrin.net.id>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dear talented gang,

Now I am busted, My rig a vunerable ASTRO 200A has gone kaput completely (formerly it works on 40 and 80 meters).Despite my efforts to make it work again no success has been achieved so far, and I'm in desperate need of having a working rig. The Condition (economic) here did not allow me to obtain a working trx even a used one hi hi.

I remember when I start my computer project, I start by buying parts (mother boards, VGA cards etc) depending on my financial state until the parts were enough to assemble a working computer. The project were not complete yet since I have to add a printer, sound card, speaker etc. It is a super computer with the fastest PIII with 128 MB RAM the latest 3D cards etc but will still coupe with the growing demands of the software developments.

I wonder if there is a transciever project similar as my computer project?? where we can buy let say the DDS (VFO) segment then the carrier osc the modulator board etc. Build it then another part and so on until at last we can

get a complete all band (160 - 10m) SSB & CW transciever with just above
qrp
power (50watts maybe)?.

If not why didn't some one start a project of that kind?? probably very
similar to the elmer 101 but at a bigger scale??

Anyway here in YB land the most popular band for local and dx is 15 meters.
Can somebody help me with a schematic for a qrp CW trx on 15 where I can
build here? The cost to buy a kit from the US will be very near to buy a
used
trx here hi.

BTW what does 72 stands for?

Thank you for your time to read this posting

de Donny YB6LD/1 vy 73 es gl sk ee

Date: Thu, 26 Aug 1999 11:53:50 -0400
From: "Richard Hensel" <rrhensel@sprintmail.com>
To: <revinger@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [48545] RE: shack question
Message-ID: <001f01beefdb\$304ef5f0\$0317e590@nosrrhensel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bob;

I have my shack in the basement. I finished a room about 12X16
and have a counter top attached to the walls, total length of
about 15 feet. I have my rigs on one end, the computer in the
middle, and the test gear and project bench on the other end.
The walls are covered with shelving and I am collecting
some small file cabnets for drawer units. The antenna leads
pass out through the window, which has the pane replaced by
plexyglass (perspex) through which I passed a 2" pvc pipe to
run all the wires.

Richard Hensel
SPRINT
rrhensel@sprintmail.com
n8wlc@arrl.net

When you have a hammer in your hand ...
The whole world looks like a nail.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
bob evinger
Sent: Thursday, August 26, 1999 8:27 AM
To: Low Power Amateur Radio Discussion
Subject: shack question

I am in a bit of decisive turmoil and have decided to ask
those willing to answer and taken a personal survey. It would
probably be safer to the qrp-1 list to respond directly since
I don't want to flood the list if I get any reasonable qty of
replies.

Snip

Date: Thu, 26 Aug 1999 15:56:16 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [48546] QRL!
Message-ID: <37C563A0.988@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang. This is just a status report. No real
data so delete if uninterested.

I said Delete!

Ok, still here? :)

Projects: (Not prioritized)

- 1) Build two HFDF systems. One fixed site, 4 antennas
with phasing radiogoniometer pickup and sense. TX capable.
The other is a pin diode sampling interferometer, portable.
** Research piling up and digesting info.
- 2) Build two K2 radios for friends.
** One K2 Started.

- 3) Supplemental RF measurements on CPU ribbon feedline.
** Initial results posted.
- 4) Pixie/Smite work for friend.
** Pixie Done.
- 5) Install Argonaut 509 as primary station.
** This week.
- 6) Proto 4 of Resonant speaker project.
** Ongoing.
- 7) NVIS Antenna experiment. 3-wire and 5 wire groundwave
cancelling.
** Some info amassed.
- 8) Phasing QRN Squasher etc. for transceiver, passive.
**Info amassed.
- 9) Primary station antenna experiments during foxhunts.
** October.
- 10) Build HamVan from F150 Econoline van.
** Started. Mechanics special...
- 11) Island keyer in smaller box, built for friend.
** Keyer works, box to be punched.
- 12) Build sleek RF probe on pcboard stripline.
** Finished but broke diode before encasing. Do over.
- 13) BB3 Screwdriver antenna experiments.
** Partially started.
- 14) Send oldest child to U.S. Army.

*** Done ***

Snif. KF6JXB has proud parents.

72/Ed we6w

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Thu, 26 Aug 1999 10:08:16 -0600
From: Jeff Francis <jfrancis@frii.com>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48547] Re: thumb for dits
Message-ID: <19990826100816.A15679@geek.noducks.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

...and a lot of radios will allow you to swap dits and dahs via the front panel. My IC-706MkII will do it, and I believe I read in one of the reviews at the DSW-xx radios will, as well.

On Thu, Aug 26, 1999 at 07:20:26AM -0700, Monte Stark wrote:

> Hi Folks,
>
> I put a little DPDT switch in the line from the paddles to
> the keyer..... all that needs to be done is flip the switch
> to change the way it works!
>
> cul,
>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

--

Jeff Francis - KCOBWS	Ack!
Level Three Communications	____/
Denver, CO USA DM79nr	\ o.0
39d43m16.4s N 104d52m10.7s W	=(_)=
jfrancis@frii.com jeff@l3.net	U
http://www.frii.com/~jfrancis	--Unknown
	PRR...

Date: Thu, 26 Aug 1999 09:17:59 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [48548] The NorCal 20 goes digital
Message-ID: <37C568B6.157A4001@psnw.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello, my friends.

I had my first RTTY contact last night using my NorCal 20. I designed a small, homebrew interface that works with Hamcomm software and FSKs the NC20. The interface fits inside the transceiver cabinet with room to spare. The PC connects to a DB-9 connector on the rear panel situated just above the paddles and headphone jacks. Normal (paddle generated) CW is not affected by the RTTY interface in any way. No modifications to the NorCal 20 are required beyond mounting the DB-9 and making four connections to the main PC board.

The interface schematic, PC board layout and written instructions will be made available (free) in the near future to anyone who wants them. I still have a bit of fine tuning to do. First publication rights go to NorCal (if Doug wants it) because it was NorCal who gave me the original NC20 kit as a prize at Pacificon last year.

By the way, my first contact was with a station in West Virginia. Not a bad haul on RTTY with four watts from central California.

--

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Thu, 26 Aug 1999 12:22:47 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [48549] RE: Thumb for DITS ?
Message-ID: <005101beefdf\$3d260580\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am left handed !!!
And started using the paddles, just
as they came wired...
NOW.. do I use my thumb for the dits or the

dahs...

I can't really remember... I just do it automatically..

BTW, sending with paddles does not mean sending at ultra high speeds or poorly... I soon found that paddles helped me a lot achieving well spaced rhythmic sounding CW at the speed I felt comfortable... between 12 and 18 WPM...

Great idea about the DPDT switch !

Will add it to the paddles, so anyone that comes to the shack can enjoy CW !

Arnie Coro C02KK

Host of Dxers Unlimited

Radio Habana Cuba

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

Date: Thu, 26 Aug 1999 09:39:01 -0700

From: Marv Fagenson <k6hcj@juno.com>

To: qrp-1@Lehigh.edu

Subject: [48550] QST

Message-ID: <19990826.093901.-376297.2.k6hcj@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Anyone have a spare KE6RIE enclosure for a 38 Special.

How about a spare KE6RIE rainbow case, too?

Tnx

Marv Fagenson

k6hcj@Juno.com

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 26 Aug 1999 09:43:47 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [48551] Wanted: Stock front panel for NC40A
Message-ID: <37C56EC3.6E7E@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need the stock front panel for a NC40A. One of mine has a KC-1 installed and I wish to put it in the SST/20 instead. If you have one kicking around from installing YOUR KC-1, please contact me.

Allan K7GT

--

```

                                     |
                                   //|
                                  /  |
                                | /Z | \
                               /| /599| \
                              /_|/____|__\_
...QRO, QRP, or barefoot..... [\--=====~/
~~~~~
```

Date: Thu, 26 Aug 1999 09:56:39 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [48552] Which Kit to Build? #2 in a series
Message-ID: <01beefe3\$f7be2180\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is installment #2 of KI6DS's opinion on which kit to build. The objectives here are twofold, one we want to learn as we build, two we want to build useful projects that give us the biggest bang for the buck. Again, this is my opinion, and my opinion only.

My choice is the TiCK-4 Keyer Kit from Embedded Research. Here is their description from their web page:

Summary of TiCK-4 Features

Two 50 character, user programmable message memories
NEW! Non-volatile parameter memory, means no more resetting speed, mode, and other settings after power cycling the TiCK! You can configure the TiCK-4 to your personal settings, and they will remain in effect until YOU change them!
Pin-for-pin compatible with all other TiCKs (TiCK-1 / TiCK-2 / TiCK-2B / TiCK-3)

Maintains the familiar and simple TiCK user interface

Single Pushbutton Interface (SBI) to all functions

Upgrade your TiCK keyer by simply plugging in the TiCK-4... It's that easy!

Complete TiCK-4 Feature List

Two 50 Character user programmable message memories

Non-volatile parameter memory

Speed Adjust (via paddles)

Tune Function

Paddle Select

Sidetone (ON/OFF)

Iambic Modes A & B

Straight Key Mode

Beacon Mode

Low Current Consumption (1 uA in sleep mode)

Requires 3-5V DC

Uses the very latest in RISC-based microcontroller technology

Currently available in 8 pin DIP package and 8 pin SOIC.

We are offering the TiCK-4 as follows:

TiCK-4 Chip + Datasheet, \$15.00, (S/H for CONUS \$2.50, DX \$5.00)

TiCK-4 Basic Kit* - includes TiCK-4 chip, parts, PCB board and manual,
\$25.00 (S/H for CONUS \$2.50, DX \$5.00)

TiCK-4 Deluxe Kit** - includes TiCK-4 chip, parts, deluxe board and manual,
\$35.00 (S/H for US \$2.50, DX \$5.00)

[Click here for the order form](#)

*The Basic DIP parts kit includes: TiCK-4 Keyer chip, TiCK circuit board (1x1.2"), and construction manual. Board mounted parts: 5v regulator, 5 capacitors, 3 resistors, 1 PN2222, 1 8 pin DIP socket. Off-board parts include 1 piezo audio device, 1/8" mono jack, 1/8" stereo jack, & 1 N.O. momentary switch.

**The Deluxe DIP parts kit includes: TiCK-4 Keyer chip, enhanced TiCK circuit board, construction manual, 8 pin socket, 4 resistors, 6 capacitors, 1 diode, 1 piezo audio transducer, 2 board mounted jacks (keyline & paddles), board mounted lithium cell holder, 3v lithium cell (for memory backup), board mounted normally open momentary switch, 9V battery clip, and 5v low dropout/low quiescent current regulator.

There is also an optional case enclosure kit:

The TiCK-EMB Enclosure Kit includes:

High Quality Hammond enclosure (black)

Pre-drilled to accomodate TiCK-EMB circuit board and panel controls

Front Panel Label

Four Rubber feet
Hardware needed for circuit board mounting
Price: \$15 plus shipping

How to order?

TiCK 4 Regular Kit \$25
TiCK 4 Deluxe Kit \$35
TiCK 4 Enclosure Kit \$15
Shipping and handling \$2.50

Note: please allow 5-10 business days, after we have received your order, for your shipment to leave our facilities in Rochester NY.

Payment Information

We do not at this time accept credit cards - send checks and money orders only!

For DX orders, an international money order is best.

All payments must be made in U.S. dollars

Send orders to:

Embedded Research

PO Box 92492

Rochester, NY 14692

The above information is from the Embedded Research Web Site:

<http://www.frontiernet.net/~embres/tick.htm>

Ok, now for my input as to why this kit? The cost is unbelievable. A keyer with two 50 character memories for \$25?? (\$35 for the deluxe kit) What a bargain. And, you will need a keyer to go with the rigs that you are going to be using in your QRP career. This one is fun to build, and it is almost fool proof. We had 29 out of 30 kits that were built at Ft. Tuthill work the first time (and they were surface mount!!). Both types of kits are available, but I would suggest that beginners stick with the surface mount variety. Excellent manual, first class service and parts, and it is fun to build. Again, another one evening project, with very minimal tools needed. Remember that soldering iron, diagonal cutters and solder that you used in the VE3DNL kit, well, you need them again. The nice thing about this kit is that everything is there, and Embedded Research even offers a case option too!! I put my TiCK keyers in Altoids tins until I saw the neat case that Gary and Brad came up with this summer.

When you finish your kit, you have a keyer that you can use with any qrp rig, and believe me, you will want to use a keyer and paddles. The nice thing about the TiCK is that it has memory. If you are operating a contest, simply put the exchange in memory and when it comes time to send it, you use the keyer to send it. Another use is that you can put your name qth, etc.

all the stuff that you send in a qso in the other memory, and when you make a contact, you use the keyer to send it while you log. Neat!!

Note that there are more parts with this kit, and it will take a little longer to build than the VE3DNL, but you have more when you finish. If you are a beginner and are learning how to use paddles, now you have a way to practice your sending!!

Let's review the skills that you will have used and improved in building the first two kits. You have learned how to identify parts, how to read a schematic, how to follow directions and use a parts placement diagram, how to solder, (and probably how to desolder, grin), and how to put a board into a case. Lots of skills, and it has only cost you \$35 at the minimum, \$60 if you go first class and get all the options.

Next we will look at my recommendation for your first QRP Transceiver kit. Hey we're ready for it, because we have a VE3DNL Marker/Signal Generator and a TiCK keyer, and we want to be able to use them (believe me you will). But more importantly, you have the confidence that you too can build electronic projects. You have done it before!! Part 3 tomorrow. 72, Doug

Date: Thu, 26 Aug 1999 09:49:54 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [48553] To trade: NC40A toward Sierra
Message-ID: <37C57032.5A81@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would like to, at some point, acquire a Sierra, preferably with the KC2, to complete my set of N6KR-designed gear. I will have a stock NC40A as partial trade. There is no rush here as I am currently consumed, spare-time-wise, in building the K2 and in my teaching assignments. In other words, this is a planning statement rather than an immediate requirement! Band modules for 40, 20, and 15 would be nice.

I may also have a SW40+ to add to the trade options if that would be useful or interesting.

Allan K7GT

--

	/	
	/	
Allan Taylor K7GT	/Z \	FISTS 3222 ARS 228
k7gt@arrl.net	/ /599 \	DXCC and WAS 40/cw
Pleasanton CA CM97aq	/_ /____ __\	http://www.qsl.net/k7gt
...QRO, QRP, or barefoot.....	[\-----/	

~~~~~

-----

Date: Thu, 26 Aug 1999 12:51:18 EDT  
 From: "Kent, AE4Y" <ae4y@hotmail.com>  
 To: qrp-l@lehigh.edu  
 Subject: [48554] Re: calling CQ on QRP  
 Message-ID: <19990826165119.52962.qmail@hotmail.com>  
 Mime-Version: 1.0  
 Content-Type: text/plain; format=flowed

I seem to be very successful calling CQ with 5 watts. I always keep the transmission short (3 x 3) and sign /qrp on the end of my last callsign. I haven't kept statistics, but I get a lot of responses.

Kent, AE4Y

QRP ARCI #4175 QRP-L #1844  
 Visit: <http://www.qsl.net/ae4y/>

>From: "Armin Hachmer" <armin@muskoka.com>  
 >Reply-To: armin@muskoka.com  
 >To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
 >Subject: Re: calling CQ on QRP  
 >Date: Thu, 26 Aug 1999 08:43:20 -0400  
 >  
 >My success calling CQ with 5 watts mobile has been zippo.  
 >Tailgating is the way (other than answering CQ's)  
 >The suggestion to add ? after SK indicating readiness to have another QSO  
 >sounds good to me....  
 >Thanks Jim N5IB. Count me in on your idea.  
 >Cheers  
 >Armin Hachmer VE3TEQ  
 >'Life is a contactsport'  
 >armin@muskoka.com  
 >

-----  
Get Free Email and Do More On The Web. Visit <http://www.msn.com>  
-----

Date: Thu, 26 Aug 1999 11:45:46 -0500  
From: Dave Sjolin <sjolin@swbell.net>  
To: kd7s@psnw.com, Qrp-l Reflector <qrp-l@Lehigh.EDU>  
Subject: [48555] Re: The NorCal 20 goes digital  
Message-ID: <37C56F3A.D930E2EE@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Bill Jones wrote:

> I had my first RTTY contact last night using my NorCal 20. I designed a  
> small, homebrew interface that works with Hamcomm software and FSKs the  
> NC20. The interface fits inside the transceiver cabinet with room to  
> spare. The PC connects to a DB-9 connector on the rear panel situated  
> just above the paddles and headphone jacks. Normal (paddle generated)  
> CW is not affected by the RTTY interface in any way. No modifications  
> to the NorCal 20 are required beyond mounting the DB-9 and making four  
> connections to the main PC board.

Congratulations Bill.

How hot does the final get? Does it seem to take the 4 watts okay on  
reasonable length transmissions?

Look forward to reading about it in an upcoming QRPP.

73 de Dave, N0IT

-----  
Date: Thu, 26 Aug 1999 10:07:43 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Subject: [48556] Oops mistake in Which Kit to Build Part 2  
Message-ID: <01beefe5\$8316a080\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;





\*(BUBBA = "Burn Ur Big B\_\_\_\_\_ Away")

So what the heck is it? Basically it's an inverse FYBO - you get a nice multi based on how high your operating temperature peaks during the event. Heck, you Texans may be in a position to clean up this year. :-)

We need you out there! Indoor, outdoor, DX, mobile... If you can generate modulated RF, you can be a BUBBA. And who wouldn't be proud of that? Impress your friends and co-workers! Get that promotion you've been hoping for! And groupies! Did I mention the BUBBA groupies?

So why bother? Big scores! Big sigs! Big FUN! In the exchange, you'll send the temperature at your operating position. You indoor ops can snicker at the outdoor ops who are sweating like bison in the blazing heat. And you outdoor ops can take comfort in the fact that every drop of sweat means you're getting a big ol' multi that'll translate to \*big\* points when it's over.

And if you find and work NQ7RP (the ScQRPion club station) you'll get to add 10,000 pts to your final score for each band you bag him on. A pre-season Fox hunt! :-)

Outdoor ops will use their highest operating temp to calculate their Heat Index for final scoring ('cause it ain't always a dry heat, folks!). Indoor ops will use their operating highest temp as their multi.

For you outdoor ops, we've included a Heat Index chart below, or you can check with your local wx service/channel.

There'll be a winner for each of the following BUBBA categories. :

- 1) Hottest Outdoor Op
- 2) Hottest Indoor Op
- 3) COLDEST Outdoor Op (Gotta give you Northerners a chance. ;-)
- 4) High Score in each category (Indoor/Outdoor, Single/Multi).
- 5) Random drawings from logs.

Prizes will be \*guaranteed\* to ship before Thanksgiving (same as FYBO '98.... DOH!), and will be of the same excellent quality as last year, microwave BBQ pork rinds and all. :-)

So there ya go! We AZ ScQRPions sure hope you'll join us. It's about being on the air and having fun. Because after all, there's

a little BUBBA in all of us....

-----

BUBBA Summer QRP Sprint (sponsored by the AZ ScQRPions)

Aug 29 1800Z-2200Z

HF bands, standard QRP calling freqs (no WARC)

CW, QRP (5w or less) only

Categories: Indoor/Outdoor, Single Op/Multi Op.

Exchange RST, SPC, Name, and Temp(F) at OPERATOR'S POSITION.

Score 1 pt per QSO.

Each SPC counts once per band.

Work NQ7RP once per band for 10,000 pt. bonus each QSO.

Multipliers:

SPCs: All bands total

Power: 1-5w = x1, Less than 1w = x2.

Category: Indoor Op = x1, Outdoor Op = x2.

Heat:

- Indoor ops use highest operating temp(F) at OP'S POSITION.
- Outdoor ops use NWS Heat Index (use highest operating Heat Index). See chart below.

Final Score = QSO pts x SPCs x Power x Category x Heat Multi + NQ7RP  
bonus

EXAMPLE:

5w, 80 QSOs total, 35 SPCs Total (8 SPCs on 10m, 14 SPCs on 15m,  
13 SPCs on 20m). Outdoor op, highest operating Heat Index is 107.  
NQ7RP worked on two bands.

$80 \times 35 \times 1 \times 2 \times 107 + 20,000 = 619,200$  pts.

Send logs by 9/30/99 to bkassel@dancris.com, or snail mail to:

Brian Kassel

attn: BUBBA

9200 W. Hollywood Ave.

Peoria, AZ 85345-5521

Include callsign, operator(s), power, location, and highest  
operating temp (outdoor ops also include relative humidity and NWS Heat  
Index).

For more info, visit <http://www.extremezone.com/~ki7mn> or email  
bkassel@dancris.com

----- OH-FISH-UL BUBBA HEAT INDEX CHART (for outdoor ops) -----

#### HEAT INDEX CHART

| TEMP(F) | 70 | 75 | 80 | 85  | 90  | 95  | 100 | 105 | 110 | 115 | 120 |
|---------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
|         | -- | -- | -- | --  | --  | --  | --- | --- | --- | --- | --- |
| RH 0%:  | 64 | 69 | 73 | 78  | 83  | 87  | 91  | 95  | 99  | 103 | 107 |
| 10%:    | 65 | 70 | 75 | 80  | 85  | 90  | 95  | 100 | 105 | 111 | 116 |
| 20%:    | 66 | 72 | 77 | 82  | 87  | 93  | 99  | 105 | 112 | 120 | 130 |
| 30%:    | 67 | 73 | 78 | 84  | 90  | 96  | 104 | 113 | 123 | 135 | 148 |
| 40%:    | 68 | 74 | 79 | 86  | 93  | 101 | 110 | 123 | 137 | 151 |     |
| 50%:    | 69 | 75 | 81 | 88  | 96  | 107 | 120 | 135 | 150 |     |     |
| 60%:    | 70 | 76 | 82 | 90  | 100 | 114 | 132 | 149 |     |     |     |
| 70%:    | 70 | 77 | 85 | 93  | 106 | 124 | 144 |     |     |     |     |
| 80%:    | 71 | 78 | 86 | 97  | 113 | 136 | 157 |     |     |     |     |
| 90%:    | 71 | 79 | 88 | 102 | 122 | 150 |     |     |     |     |     |
| 100%:   | 72 | 80 | 91 | 108 | 133 | 166 |     |     |     |     |     |

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Thu, 26 Aug 1999 10:14:24 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: Dave Sjolín <sjolin@swbell.net>  
Cc: Qrp-l Reflector <qrp-l@Lehigh.EDU>  
Subject: [48558] Re: The NorCal 20 goes digital  
Message-ID: <37C575F0.90EF8987@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dave Sjolín wrote:

<How hot does the final get? Does it seem to take the 4 watts okay on>

Hi Dave,

It stays very cool. I tested it, key down, for five minutes into a dummy load and although it got warm, it never got hot. I'd say the final is rated at

100% duty cycle.

--

=====

Bill Jones - KD7S <><

Sanger, California

<http://www.psnw.com/~kd7s>

=====

-----

Date: Thu, 26 Aug 1999 10:15:01 -0700

From: Bob Nielsen <nielsen@primenet.com>

To: qrp-l@lehigh.edu

Subject: [48559] Re: BUBBA - Final reminder

Message-ID: <19990826101501.A434@bob>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

On Thu, Aug 26, 1999 at 09:43:54AM -0700, Gary L Surrency wrote:

<snip>

- > Exchange RST, SPC, Name, and Temp(F) at OPERATOR'S POSITION.
- > Score 1 pt per QSO.
- > Each SPC counts once per band.
- > Work NQ7RP once per band for 10,000 pt. bonus each QSO.
- >
- > Multipliers:
- >   SPCs: All bands total
- >   Power: 1-5w = x1, Less than 1w = x2.
- >   Category: Indoor Op = x1, Outdoor Op = x2.
- >   Heat:
- >   - Indoor ops use highest operating temp(F) at OP'S POSITION.
- >   - Outdoor ops use NWS Heat Index (use highest operating Heat
- >   Index). See chart below.
- >
- >   Final Score = QSO pts x SPCs x Power x Category x Heat Multi + NQ7RP
- >   bonus
- >
- >   EXAMPLE:
- >
- >   5w, 80 QSOs total, 35 SPCs Total (8 SPCs on 10m, 14 SPCs on 15m,
- >   13 SPCs on 20m). Outdoor op, highest operating Heat Index is 107.
- >   NQ7RP worked on two bands.

<snip>

What's a SPC?

--

Bob Nielsen                      Internet: nielsen@primenet.com  
Tucson, AZ                      AMPRnet: w6swe@w6swe.ampr.org  
DM42nh                          http://www.primenet.com/~nielsen

-----  
Date: Thu, 26 Aug 1999 10:25:21 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'QRP-1 List Server'" <qrp-1@Lehigh.edu>  
Subject: [48560] 49er Questions  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE03B8@hq-expo2.filenet.com>

Our group has stumbled across some rev. B 49er boards and -- well, since things are kinda slow -- we are going to put them on the air ("..let no good board go unstuffed"). I have reviewed the past QRPP articles and have come away somewhat confused (in general, not hard for me) on the matter of the recommended modifications. I would be very grateful if anyone could answer the following questions:

- (1) What are the differences between the rev. A and rev. B boards? (Doug posted the rev. A schematic on the NorCal site)
- (2) Is RFC2 *\*really\** 82 mH (not 82 uH)? What's a good (i.e., cheap) source for these?
- (3) Can RFC1, RFC3, RFC4, RFC5, and RFC6 be wound on ferrite/toroidal cores?
- (4) Are the optimum values for the inductors as follows (gleaned from the series of QRPP mod articles):

    RFC1 - 2.2 uH (with C20=150 and C2=50)  
    RFC2 - 82 mH (see above)  
    RFC3 - 47 uH (10t on FT37-43 per N6KR's "Choke Your 40-9er Now!"  
response)  
    RFC4 - 47 uH (10t on FT37-43 per N6KR's "Choke Your 40-9er Now!"  
response)  
    RFC5 - 1.5 uH (the 470-1.5-470 pi output filter suggested by AC6AN  
and tested by W6RCL)  
    RFC6 - 15 uH (but switched to above C6 instead of between C6 and  
ground)

Responses such as solicitations for viagra, XXX URLs, and Amway products will be politely refused, Otherwise, theory, anecdotal or empirical experience, folk lore, legend, sermon, diatribe -- almost any response will be greatly appreciated.

-----  
Date: Thu, 26 Aug 1999 10:39:53 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: "Bill Jones" <kd7s@psnw.com>  
Cc: <qrp-l@lehigh.edu>  
Subject: [48561] NorCal 20 on RTTY Article  
Message-ID: <01beefea\$01352b40\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bill, QRPp will print any article that you right. I am doing the fall issue right now and would love to have your NC20/RTTY article. Thanks, Doug,  
KI6DS

-----  
Date: Thu, 26 Aug 1999 13:40:30 US/Eastern  
From: n2cx@voicenet.com  
To: qrp-l@lehigh.edu  
Subject: [48562] Fwd: RE: No toroid receivers  
Message-ID: <199908261738.NAA82330@nss4.cc.lehigh.edu>

Forwarded Message:

> To: "'inforhc@mail.infocom.etecsa.cu'" <inforhc@mail.infocom.etecsa.cu>  
> From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>  
> Subject: RE: No toroid receivers  
> Date: Thu, 26 Aug 1999 13:37:04 -0400  
> -----  
> Arnie,  
>  
> Your ideas are most interesting! Being kind of a retro-circuits guy myself,  
> I've  
> enjoyed projects like this. I had begun work on something along those lines  
> for  
> the 2N2222 competition, but Jim Kortge's ingenuity puts me to shame!  
>  
> Two thoughts:  
>  
> 1. If you can easily get 455 kHz if cans, they can provide reasonable  
> selectivity.  
> This IF is quite good for 80 meter receivers and acceptable for 40 if you  
> have a good  
> enough front end filter to kill images. If you want good cw results you can  
> always

> make up a Q-multilpier. My favoritist receiver is still my Drake 2A/2BQ.  
> That Q-mult  
> is excellent.  
>  
> 2. If you can get you hands on some of the older tube-type if cans you can  
> disassemble  
> the cans and take out the tuning sleeve. Hard to describe but it's an  
> inverted cup  
> of powdered iron with a slotted end for tuning and threaded sides. I saw a  
> piece in  
> QST years ago that suggested sawing off the end with a hacksaw, leaving a  
> powdered iron  
> sleeve. If you then cover it with thin insulating tape it makes a homebrew  
> toroid  
> core form! One of my first solid state qrp transmitters (back in the 60's)  
> used cores  
> just like this!  
>  
> BTW, all of the fluorescent light starters I find locally are aluminum. Teh  
> plastic ones  
> sound very handy for small coils.  
>  
> Please keep us posted!  
>  
> 72/73,  
>  
> Joe E., N2CX  
>

-----  
This message was sent using Voicenet WebMail.  
<http://www.voicenet.com/webmail/>

-----  
Date: Thu, 26 Aug 1999 12:50:58 -0500 (CDT)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-1@lehigh.EDU  
Subject: [48563] code speed  
Message-ID: <12069-37C57E82-6499@postoffice-111.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)



Prof Arnie

Glad to see another slow poke cw man, comfortable at 17, 18 wpm. I thought I was the only one <g> .

K1zw

-----  
Date: Thu, 26 Aug 1999 14:11:50 -0400 (EDT)  
From: Chris Cartwright Sr <ccart@phideaux.com>  
To: n2cx@voicenet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48564] Re: On-line receiver  
Message-ID: <Pine.LNX.4.04.9908261408500.2289-1000000@dns.phideaux.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Aug 1999 n2cx@voicenet.com wrote:

> I remember a posting back several years ago about  
> an internet site that had a short wave receiver

Joe,

That's a local (too me :) WA3LTJ who set the whole thing up. The URL is:

<http://www.g0tv1.freemove.co.uk/ralistener.htm>

But he's using real audio instead of .WAV files now....

72

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Thu, 26 Aug 1999 15:04:22 US/Eastern  
From: n2cx@voicenet.com  
To: qrp-l@lehigh.edu  
Subject: [48565] Re: On-line receiver  
Message-ID: <199908261902.PAA87506@nss4.cc.lehigh.edu>

Group,

Wow what a response!

i've had a flood of replies with several different site recommendations.

I will summarize them and repost this evening.

Thanks to all who took the time to help out.

72/73,

Joe E.,  
N2CX

-----  
This message was sent using Voicenet WebMail.  
<http://www.voicenet.com/webmail/>

-----  
Date: Wed, 25 Aug 1999 01:35:59 -0600  
From: "William R. Colbert" <af852@rgfn.epcc.edu>  
To: ki6ds@dpol.k12.ca.us, qrp-l@lehigh.edu  
Subject: [48566] Re: QRPp Subscribers Please Read + Summer QRPp Mailed  
Message-ID: <37C39CDF.4EE67F55@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks Doug and Paul for the explanations regarding the QRPp delays. While I don't feel they(the explanations) were necessary, nonetheless, they are appreciated as all of YOU who work so hard in producing such a publication. After all of your activities, problems, travels, etc., I am not sure I could even come close to your accomplishments. Again, thanks for your efforts Doug, Paul, Jim and I as I am sure other NORCAL members are anxiously awaiting the deliveries.

Oh Yes, My NORCAL certificate with \*number\* will continue to hang on the wall in a place of prominence.

73  
Ray

--

"Politicians are like nappies. Both should be  
changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"

-----  
Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2  
(also w5xe@juno.com El Paso,(FAR WEST) TEXAS

-----  
Date: Thu, 26 Aug 1999 15:01:18 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: brobertson@mta.ca, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48567] QRP CQs (was: returning to list as VE9QRP)  
Message-ID: <3.0.2.32.19990826150118.007a9950@bosshog.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 12:32 PM 08/25/1999 -0400, Bruce G. Robertson wrote:

>Calling CQ (outside of 'tests')  
>is a poor strategy even in QRO operations if what you want is to make a QS0.  
>When you work QRP, it is really unlikely to net you something. What you want  
>to do is answer someone else's CQ, or tail-end a QS0.

Bruce,

Glad to see that you're back on with that neat call. I don't agree with  
your comment above entirely though. It depends on the band you are using,  
probably, but I get a fairly even distribution of contacts calling CQ and  
replying to a CQ. I work mostly the 20 meters and up HF bands and 6 meters.

Good luck with the new call and hope to work you on the bands soon.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

-----  
Date: Thu, 26 Aug 1999 14:10:59 -0600  
From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: qrp-1@Lehigh.EDU, Charles.Kitchin@analog.com  
Cc: "N7TDT@arrl.net" <N7TDT@arrl.net>  
Subject: [48568] ElmeRadio Update  
Message-ID: <37C59F53.C4789F02@ced.utah.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Today, I sent an order to Far Circuits for an initial test run of PC boards for the AM regen ElmeRadio. Hopefully, these will test out okay, and I will be one big step closer to kitting up a bunch of radios.

More projects are underway. I am breadboarding an FM Broadcast ElmeRadio receiver, and have plans for a Pixie-type transceiver complete with sidetone monitor and built in key. This project will be built in stages, first, as a code practice oscillator, then, as a transceiver. All these projects and more will be built in the same style as the first radio.

I apologize to those who have asked for information during the last few weeks. It has taken a great deal of time and effort to get this far. I'll get the info to everyone as soon as I can.

I was asked to present the whole concept of building and prototyping used to development the AM ElmeRadio to a group of engineering professors and high school shop teachers a couple of weeks ago. It generated a great deal of interest and an offer for some web page space--sold a bunch of parts, too.

Thanks to all for the encouragement and help, especially Charles Kitchin and Jerry Haigwood.

Bruce kk7zz

-----  
Date: Thu, 26 Aug 1999 16:19:11 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [48569] 2SC1969 RF Power amp  
Message-ID: <19990826.201519.4311.7.n4so@juno.com>

The NC-20 final RF amp 2SC1969 is rated at 16 watts.  
(ARRL Handbook, p. 24.22, 1996 ed.)

Ken Brown N4SO  
nr Mobile, AL/EM50tk  
NC-20/5 watts/4 ele. beam

51 countries with OH0/OH7MM 14.016 at 0759Z  
Aland Island

-----  
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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Thu, 26 Aug 1999 16:34:38 -0400 (EDT)  
From: Joel Malman <malman@world.std.com>  
To: qrp-l@Lehigh.EDU  
Cc: k1qm@world.std.com  
Subject: [48570] Pre-Fox Fest  
Message-ID: <199908262034.QAA16249@world.std.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

QRP-L'ers

There does seem to be interest in a PRE-FOX Fest. It will be a neat way to check out your new rig and/or antenna. There are no logs to file or mail in. Everyone works everyone. We are doing this for the pure fun of working other QRP stations. There will be no awards or posted scores... Hey, this is for the pure joy and fun of QRP.

Call: CQ FOX  
Power: 5 watts (Max), QRPP stations are VERY welcome players in the fest  
Mode: CW, only  
Exch: CALL / RST / SPC / NAME / QRP-L-NUM (or PWR)  
Time: 6 Oct 99, 0000-0400Z [ \*\* TUESDAY, 5 Oct 99 in the USA \*\* ]  
Freq: 7040 +/- ... Please do not QRM any QSO in progress

This is a QRP test session for all the QRP-L Fox hunters. If there are any QRPP folks out there, this would seem be a great chance to pick up needed states.

I'll send out a reminder as we get close to the PRE-Fox Fest date.

--  
/joel K1QM Concord, MA  
QRP-L 337, QRP-ARCI 9305

-----  
Date: Thu, 26 Aug 1999 15:46:27 -0500 (EST)

From: bkobie@webtv.net (patrick obrien)  
To: qrp-1@lehigh.edu  
Subject: [48571] trade  
Message-ID: <5955-37C5A7A3-7922@postoffice-141.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

TRADE MORSE CODE COMPUTER INTERFACE  
FOR  
MFJ CW KEYBOARD MODEL 451 OR 452  
OR  
MFJ 17 METER XCVR  
QSL VIA E MIL ADDRESS BKOBIE@WEBTV.NET

-----  
Date: Thu, 26 Aug 1999 14:11:32 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [48572] Bruce Kizerian's Elmer Radio  
Message-ID: <01bef007\$92ed11c0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, I saw Bruce's early prototypes at Fort Tuthill. They were marvelous, and beautiful in their simplicity. At that time he was using "Manhattan Style" construction, but has evidently switched to a pc board. The neat thing is that the radios are on the AM band, (which should be a big attraction to the kids) and also uses a plastic electrical box as a case. Nice job Bruce. By the way, there is an article by Bruce on the ElmerRadio in the summer issue of QRPP. The ElmerRadio is a Regen on the Broadcast band, thus it fits right in with the Regen Special Issue. There are 14 Regen circuits in the summer issue, which is on the way now. 72, Doug, KI6DS

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Date: Thu, 26 Aug 1999 16:36:29 EDT  
From: K2UD@aol.com  
To: ve3cqd@rac.ca  
Cc: qrp-1@lehigh.edu  
Subject: [48573] Re: [CW] pounding key

Message-ID: <c4170493.24f6ff4d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Drink lots of Pepsi.

72

Howard Kraus. K2UD

-----  
Date: 26 Aug 99 17:49:00 EDT  
From: Roy Lincoln <wa4dou@usa.net>  
To: myetsko@insydesw.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48574] Re: [Re: Eveready Energizers and other batteries]  
Message-ID: <19990826214900.7305.qmail@nwcst091.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Hi Mike and Gang,

According to what i read in Consumers Report, the cheapest alkaline  
batteries are the best deal! 73 Roy Lincoln WA4DOU

-----=  
- =  
  
=

"Mike Yet=

sko"

<myetsko@insydesw.com> wrote:

While one can debate the merits of individual batteries all  
day long, I've long ago decided that any differences between  
the 'good' batteries are usually lost in the noise. The 'noise'  
being times you leave something on and forget it. The times  
that in general waste power without being productive.

If I had an application that absolutley had to get every last erg  
of power, well, then it would matter.

But for now I just buy bricks of cells at BJs. I get alkaline AA's =

for about \$9 for 40 of them. Works out pretty darn cheap.

Then I don't have t worry about wasted power.

Mike Yetsko  
N1DVJ

-----  
Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

-----  
Date: Thu, 26 Aug 1999 17:52:48 -0400  
From: "Tim Cook" <timcook@erinet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48575] FS: OHR-100 (40M)  
Message-ID: <011001bef00d\$56a8d9a0\$b0685acf@timcook.erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Getting an Argonaut, so.....

For Sale OHR-100  
Excellent condition - 0 to 6 watts out rear panel adjustable - super QSK -  
quiet receiver- variable bandwidth - all documentation - excellent  
construction - OHR-100, not OHR-100A (only difference is the RF gain  
control as far as I know. Looks and works great, couple of very small  
scratches on top of case. Frequency range 7.000 to 7.075 ( can be set up for  
novice if required)

\$95 shipped priority mail in US

Please email direct if interested

Tim  
NZ8J

-----  
Date: Thu, 26 Aug 1999 14:54:25 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48576] Re: calling CQ on QRP  
Message-ID: <Pine.GS0.4.10.9908261450530.13532-1000000@rotor.dri.edu>  
MIME-Version: 1.0



Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Aug 1999, Kent, AE4Y wrote:

> I seem to be very successful calling CQ with 5 watts. I always keep the  
> transmission short (3 x 3) and sign /qrp on the end of my last callsign. I  
> haven't kept statistics, but I get a lot of responses.

I do about the same thing.... most often use a 3 x 2 call with QRP after  
the last callsign also. I also have good luck.

Maybe it's the "Y" suffex.... or maybe it's the /QRP which lets the  
other guy know why I am not 40 dB over 9! :-)

I very seldom call a weak station who isn't QRP.....and if they are  
not signing QRP now and then I'll never know..... :-)

(But not in a pile up!) :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

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Date: Thu, 26 Aug 1999 15:05:27 -0700  
From: Neal Sacon <neal@sacon.net>  
To: qrp-l@lehigh.edu  
Subject: [48577] simple rx project  
Message-ID: <37C5BA27.7C759AD7@sacon.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

We tried tried to turn our no-code techs and tech-pluses onto HF by  
sponsoring a building party around one of the SWL kits, but we had no  
takers due in part to the price. My new strategy will be to build a  
simple receiver one nite and a simple transmitter the next. I went to  
the Norcal site, but it looks like the tuna-tin an herring-aid were  
wiped; I'm thinking of something along those lines.Any suggestions?

Neal N7RX

-----  
Date: Thu, 26 Aug 1999 18:08:47 -0400  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: kd7s@psnw.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48578] Re: The NorCal 20 goes digital  
Message-ID: <37C5BAEE.6BA9AC25@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

All of this software stuff is for wimps. You fellas need to learn how to copy baudot by ear!!

BTW, in one of my more ignominious moments, I put my Icom 720a on afsk using a Commodore 64 (long time ago). It didnt occur to me that the rig was not rated for 100% duty cycle. Things went fine for 10 minutes or so. Three hours after my forced qrt, the finals heat sink was still too hot to touch. Wound up buying a new set of finals. I understand all of the present day ICOM stuff is rated for 100% duty cycle. Wonder about the 706 though.

Henry

-----  
Date: Thu, 26 Aug 1999 18:21:57 EDT  
From: RangerSF5@aol.com  
To: qrp-1@lehigh.edu  
Subject: [48579] STILL LQCKING FOR QRP RIG  
Message-ID: <a3a4d1b6.24f71805@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Gang,I still have a friend who is looking for a built QRP rig. Long working hours and four kids, he just doesn't have the time to build. Anyone have a 40-A,SW-40+,SST????  
Please \*E\* mail direct  
Thanks Bob  
WA2HOQrp <tm>

Date: Thu, 26 Aug 1999 18:16:29 -0400  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: ki6ds@dpol.k12.ca.us  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48580] Which Kit to Build Part 2  
Message-ID: <37C5BCBC.E5CDABC3@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am not familiar with the current tick iteration. K1EL is selling an IC that is a direct substitute for the Tick chip. In the past, his IC's have offered more than the Embedded Research chip and the cost is extremely reasonable (under \$10).

I had the 9020 out at a bicycle club picnic last Sunday. Was using the 452 keyboard to send cw. Lots of non-ham types seemed disappointed that I was not using a paddle/key was. I will probably wind up building a Tick Keyer with the K1EL chip.

Henry

-----  
Date: Thu, 26 Aug 1999 15:27:10 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: henryf@quartz.gly.fsu.edu, qrp-1@lehigh.edu  
Subject: [48581] Re: The NorCal 20 goes digital  
Message-ID: <37C5BF3E.3D27BFF@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Henry Freedenberg wrote:

> All of this software stuff is for wimps. You fellas need to learn how  
> to copy baudot by ear!!

Actually Henry, it isn't difficult to recognize certain Baudot patterns. RYRYRY is very easy to pick up as is CQ. Plain text is still beyond my understanding, however.

As for overheating the finals in your rig, you're not the first person in history to do that. I know that makes you feel better ..... right?

--

=====

Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s>  
=====

-----  
Date: Thu, 26 Aug 1999 18:36:04 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Monte Stark <ku7y@dri.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48582] Re: calling CQ on QRP  
Message-ID: <Pine.3.89.9908261822.A19009-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Aug 1999, Monte Stark wrote:

>  
> Maybe it's the "Y" suffex.... or maybe it's the /QRP which lets the  
> other guy know why I am not 40 dB over 9! :-)  
Naw, I'll bet you throw "NV" in every once in a while. That would  
certainly guarantee answers! :-)

73,

Bob Patten, N4BP , ' ' ' , ( 0 0 ) Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715

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End of QRP-L Digest 1560

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